

Attorney Docket No.: 00P9128US

**IN THE CLAIMS:**

This listing of the claims will replace all prior versions and listings of the claims in the application:

1. (Currently Amended) A method for frequency selection in a frequency hopping cordless telephone system employing a predetermined frame length, comprising:  
identifying active slots in [[said]] a frame; and  
determining a duration of carrier usage based on durations of said active slots.
2. (Original) A method in accordance with claim 1, said predetermined frame length comprising ten milliseconds.
3. (Original) A method in accordance with claim 2, said slots comprising transmit and receive slots each having duration 833 microseconds.
4. (Original) A method in accordance with claim 3, further comprising limiting a use of a particular carrier to less than 400 milliseconds every thirty seconds.
5. (Currently Amended) A system for frequency selection in a frequency hopping cordless telephone system employing a predetermined frame length, comprising:  
means for identifying active slots in [[said]] a frame; and  
means for determining a duration of carrier usage based on durations of said active slots.
6. (Original) A system in accordance with claim 5, said predetermined frame length comprising ten milliseconds.

Attorney Docket No.: 00P9128US

7. (Original) A system in accordance with claim 6, said slots comprising transmit and receive slots each having duration 833 microseconds.

8. (Original) A system in accordance with claim 7, further comprising limiting a use of a particular carrier to less than 400 milliseconds every thirty seconds.

9. (Currently Amended) A device for frequency selection in a frequency hopping cordless telephone employing a predetermined frame length, comprising:  
a slot monitoring module adapted to identify active slots in [[said]] a frame; and  
a frequency selection module adapted to determine a duration of carrier usage based on durations of said active slots.

10. (Original) A device in accordance with claim 9, said predetermined frame length comprising ten milliseconds.

11. (Original) A device in accordance with claim 10, said slots comprising transmit and receive slots each having duration 833 microseconds.

12. (New) A method for frequency selection in a frequency hopping cordless telephone system employing a predetermined frame length, comprising:  
identifying a number of active slots in a frame; and  
determining a duration of carrier usage based on total durations of said number of active slots.

13. (New) A method in accordance with claim 12, said predetermined frame length comprising ten milliseconds.

## Attorney Docket No.: 00P9128US

14. (New) A method in accordance with claim 13, said slots comprising transmit and receive slots each having duration 833 microseconds.

15. (New) A method in accordance with claim 14, further comprising limiting a use of a particular carrier to less than 400 milliseconds every thirty seconds.

16. (New) A cordless telephone system, comprising:  
a fixed station including a frequency select module and a slot monitor; and  
a mobile station;  
wherein the fixed station and the mobile station communicate according to a frequency hopping scheme with frequencies chosen by said frequency select module with input from said slot monitor module, said slot monitor module providing said frequency select module with a count of a number of active slots being sent per frame.

17. (New) A cordless telephone system in accordance with claim 16, wherein a frame length of said frame comprises about ten milliseconds.

18. (New) A cordless telephone system in accordance with claim 17, said slots comprising transmit and receive slots each having duration 833 microseconds.

19. (New) A cordless telephone system in accordance with claim 18, further comprising limiting a use of a particular carrier to less than 400 milliseconds every thirty seconds.